

STRUCTURE AND BRIDGE DIVISION

INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM

SUBJECT: Moratorium on the Use of Cantilever Sign Structure(s) with Variable Message Sign(s) (VMS) or Changeable Message Signs (CMS)	NUMBER: SB-74 TED-347 DATE: February 27, 2007
SIGNATURE: Kendal R. Walus/ Original Signed State Structure and Bridge Engineer R. J. Khoury/ Original Signed State Traffic Engineer	SUPERCEDES: Chief Engineer Memo dated January 4, 1994

This I&IM replaces Mr. J. S. Hodge, Chief Engineer, memorandum dated January 4, 1994 and recommendation by Structure and Bridge Division, dated December 17, 1993.

The purpose of this memorandum is to reiterate that there is a moratorium on erecting any cantilever sign structures with variable message sign(s) (VMS) or changeable message sign(s) (CMS). The original decision was based on a failure that occurred near the I-81 weigh station near Troutville.

These cantilever structures were subject to other wind phenomena which were not adequately addressed by the AASHTO *Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals* at that time. Although now addressed in the current specifications, it is felt that a span type structure or butterfly is more suitable for the design if VMS/CMS is/are included.

CC:

Chief Engineer

Chief of Systems Operations

Traffic Engineering Division Director

Asset Management Division Director

District Construction Engineers

District PE Managers

District Maintenance Engineers

District Structure and Bridge Engineers

Regional Traffic Engineer

Residency Administrators

Smart Traffic Center Managers